

2011-2014 Mustang 3.7L V-6 Air Induction Kit

Installation Instructions
P/N: 421240 (1311V6-9600)



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Application: 2011-2014 Ford Mustang with 3.7L V-6

Important Note:

Before installing your ROUSH Performance Product(s), read through the entire installation procedure and check to make sure all items are present. Contact ROUSH Customer Service at 1-800-59-ROUSH, 9:00 AM to 5:00 PM weekdays, for missing parts, any questions regarding fit or instructions that are unclear to you.

The air filter element is protected from direct exposure to water and debris. Care should be taken to avoid deep water. **WATER INGESTION IS THE DRIVER'S RESPONSIBILITY.** The Premium Air Filter Element in this kit is reusable and should be cleaned periodically using a generic Air Filter Cleaner and Recharging Kit available at most performance auto parts stores.

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PACKING LIST FOR MUSTANG 3.7L V-6 AIR INDUCTION KIT

Description	Quantity
Installation Instruction	1
ROUSH Premium Filter	1
ROUSH Intake Tube	1
Cool Air Dam	1
Hump Hose	1
Weather Strip 25"	1
Hardware Kit	1
1/4"-20 x 1/2" Button Head Bolt	2
1/4" Flat Washer	2
#8-32 x 3/8" Button Head Bolt	2
#48 Hose Clamp	1
#64 Hose Clamp	1
5/8" Aluminum Fitting	1
5/8" Grommet	1
1/4" NPT Plug	1
1/4" NPT Fitting	1
#20 Torx Bit	1
EO Sticker	1

EQUIPMENT AND SUPPLIES REQUIRED

- 5/32" and 3/32" Allen Wrenches
- 5/16" and 10 mm -1/4" Drive Sockets
- 1/4" Drive Ratchet and Short Extension
- Standard Screwdriver
- Pliers

If you are missing any items, please call us toll free at 1-800-59-ROUSH.

LIMIT OF LIABILITY STATEMENT

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. ROUSH Performance Products (RPP) reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

SAFETY PRECAUTIONS



CAREFULLY READ THE IMPORTANT SAFETY PRECAUTIONS and WARNINGS BEFORE PROCEEDING WITH THE INSTALLATION!

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personal injury or death. Read each step of the installation manual carefully before starting the installation.

- Always wear safety glasses for eye protection.
- Place ignition switch in the OFF position.
- Always apply the parking brake when working on a vehicle.
- Block the front and rear tire surface to prevent unexpected vehicle movement.
- If working with a lift, always consult vehicle manual for correct lifting specifications.
- Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
- Do not smoke or use flammable items near or around the fuel system.
- Use chemicals and cleaners in well-ventilated areas.
- Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
- Keeps hands and any other objects away from the radiator fan blades.
- Keep yourself and your clothing away from moving parts when the engine is running.
- Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
- Allow the engine, cooling system, brakes and exhaust to cool before working on a vehicle.

WORK SAFELY!

Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

SECTION A – REMOVAL

1. Disconnect the battery negative cable.
2. Loosen the hose clamps (A) connecting the factory intake tube to the throttle body and the air box lid.
3. Depress the lock tab (B) and disconnect the breather hose and brake aspirator line (automatic models only) at the factory intake tube.



4. Slide the red lock tab back (A) and disconnect the wiring harness from the mass air flow (MAF) sensor. Carefully pry the harness anchor from the air box using a screwdriver.
5. Remove the bolt that holds the factory air box to the fender (B) and remove the air box assembly. Save the bolt, it will be reused in step 10.



6. Transfer the factory air box mounting grommets.
7. Locate and remove the two (2) lower air box mounting grommets (A) and install them in the inner fender.
8. Remove the upper air box mounting grommet and steel sleeve (B) and install into the cold air dam.

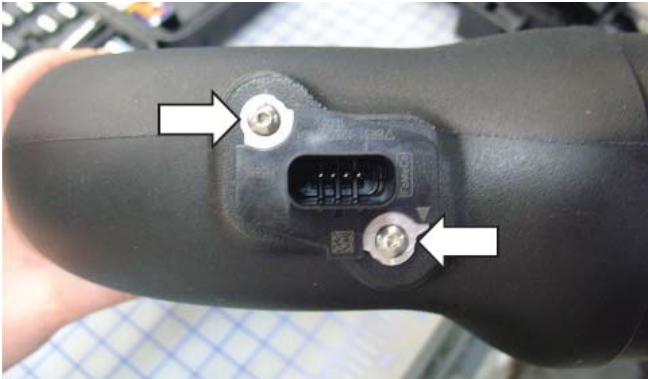


9. Install the cold air dam into the vehicle.
10. Make sure that the air inlet of the cold air dam (A) mates with the factory duct and the two (2) grommets in the fender from step 7.
11. Reinstall the factory bolt (B) that was removed in step 5 through the steel sleeve and rubber grommet.

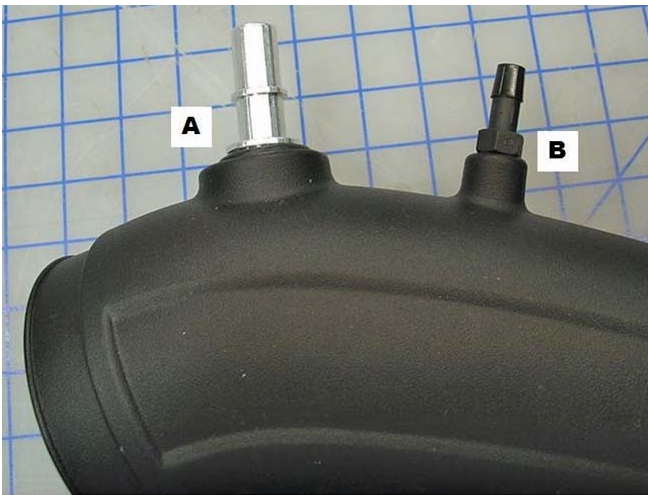


12. Using the provided #20 Torx bit, remove the MAF sensor from the factory air box lid and transfer it to the ROUSH intake tube using the supplied #8-32 button-head bolts.

SECTION B – INSTALLATION



1. Install the grommet and fittings into the intake tube.
2. All models will require the use of the 5/8" fitting and the 5/8" grommet (A).
3. Automatic transmission vehicles will also use the 1/4" fitting. Manual transmission vehicles will use the 1/4" plug (B).



4. Install the hump hose and hose clamps (A) onto the intake tube. Slide the #64 hose clamp onto the tube side and the #48 hose clamp onto the throttle body side. Leave hose clamps loose for now.
5. Insert the intake tube into the cold air dam first (B) then lower the tube down and onto the throttle body. Tighten the hose clamps.



6. Secure the intake tube to the cold air dam using the two (2) 1/4" button-head bolts and 1/4" washers (A).



7. Reconnect the MAF sensor (A) making sure to slide the lock tab into the connector.
8. Reconnect the breather and brake aspirator lines (B) to the fittings in the intake tube.



9. Install the air filter onto the air tube and tighten the hose clamp. Install the weather strip onto the cold air dam.



10. Place the EO sticker under the hood of your vehicle on a clean, metal surface.

Congratulations! You have completed the installation of the ROUSH Performance Products, Air Induction Kit. It is recommended that you save all parts removed from your vehicle during the installation of this kit.